

206562

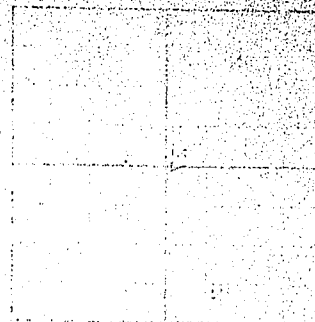
STATE OF MONTANA } ss:
County of Big Horn

The within instrument was filed
in my office at Hardin, Montana, this

DEC 31 1963 day of

at 1 42 A.D. 19
o'clock P.M.

Harry E. Cox
County Recorder
By Irvin L. Smith Deputy



NOTARIAL PUBLIC
STATE OF MONTANA
My Comm. Expires

NOTARIAL PUBLIC
STATE OF MONTANA
My Comm. Expires

File No.

DUPLICATE

T. 5 S. R. 27 E., P. M., M.

County Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

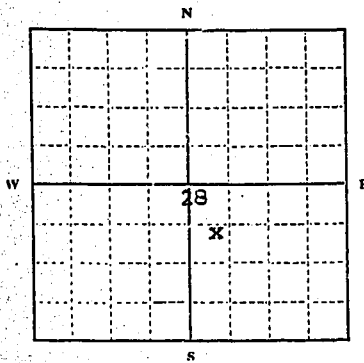
Date of Appropriation of Groundwater.....1953.....
PRYOR LAND CO., a Montana
Owner.....Corporation..... Address.....Hardin, Montana

Contractor (if any)None.....

Address of ContractorNone.....

Date Started.....1953..... Date Completed.....1953.....

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable. This spring is used for stock
water. The groundwater is obtained by sub-
irrigation and other natural processes.



Quantity of water developed and used with explanation of method
used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use.....

1/4 Sec. 28 T. 5 S. R. 27 E.,
SE
Indicate point of appropriation
and place of use, if possible.

Estimated User

10 gallons per minute

Signature of Owner.....BY.....
PRYOR LAND CO.
Attorney in Fact
Date.....December 31, 1963.....

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the
works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana
Bureau of Mines and Geology and Quadruplicate for the Appropriator.

26847

206561

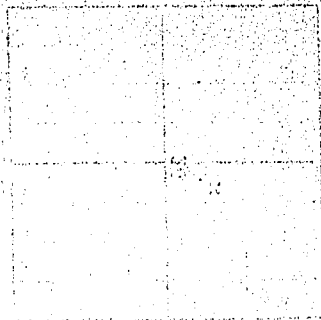
STATE OF MONTANA }
County of Big Horn } ss)

The within instrument was filed
in my office at Hardin, Montana, this

DEC 31 1963 day of

at 12 o'clock P.M.

Harry E. Cox
County Recorder
By Richard Smith Deputy



RECORDED
INDEXED
DEC 31 1963

TO define boundaries

RECORDED
INDEXED
DEC 31 1963

GW 2

File No. _____

DUPLICATE

Owners Name?
State of Montana
Billings

RECEIVED

FEB 27 1964

County Big Horn

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

RECEIVED

JAN 30 1964

**Notice of Completion of Groundwater
 Appropriation by Means of Well ENGINEER**

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
 (Elev. above sea level.....)

- 0 - 7 Top soil
- 7 - 29 Pink clay
- 29 - 34 Gray "
- 34 - 75 Bentonite
- 75 - 94 Dark gray shale
- 94 - 112 Pink clay
- 112 - 120 Reddish gray shale
- 120 - 132 Pink shale
- 132 - 144 Soft sandstone
- 144 - 146 Bentonite

Owner Thor K. Lande Address Billings, Pryor Rt.

Driller Henry Kray Address Hardin, Mont.

Date of Notice of Appropriation of Groundwater

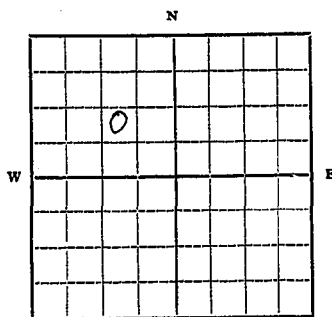
Date well started 10-16-63 Date Completed 11-10-63

Type of well Drilled Equipment Used Cable Tool
 (Churn, drill, rotary or
 drilled) (other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
 Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5"	4" 7.5# 3" 7.62	0 62	74 146	Torch slot	126	146



Sec. 22 T. 5 R. 28

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well.....feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 106 feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well 1

How Tested Bailed Length of Test 1 Hr.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation)

Driller's License Number 59

Driller's Signature Henry Kray

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

34746

207152

STATE OF MONTANA } ss.
County of Big Horn

The within instrument was filed
in my office at Hardin, Montana, this

JAN 29 1964 day of

A. D. 19

at 11:15 o'clock A.M.

James E. Cash
County Recorder

Deputy

RECEIVED
JAN 31 1964
COUNTY CLERK

RECEIVED
JAN 31 1964
COUNTY CLERK

RECEIVED
JAN 31 1964
COUNTY CLERK

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JAN 31 1964
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JAN 31 1964
COUNTY CLERK

RECEIVED
JAN 31 1964
COUNTY CLERK

GROUNDWATER INDEX

Page 1 of 1

County Big Horn Twp. 55 Rge. 29 E

[illegible]

File No. _____

DUPLICATE

T 5 S R 29 E

County Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater June 12, 1956

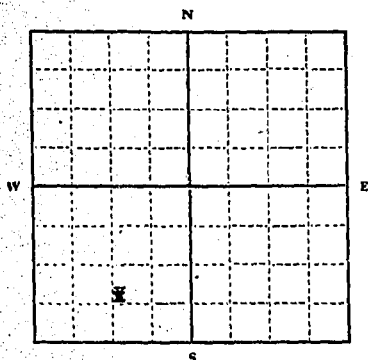
Owner H. W. Willcutt Address Hardin, Montana

Contractor (if any) None

Address of Contractor

Date Started Date Completed

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. natural spring, which is cleaned and maintained at regular intervals as needed



Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use.

SW 1/4 Sec 23 T 5 S R 29 E.
Indicate point of appropriation and place of use, if possible.

5 gals. per minute. Piped into five gal. bucket and timed. Used continuously for livestock purposes.

Signature of Owner H. W. Willcutt

Date Dec. 30, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

26879

206584

File No.

DIAPYCNAL

Notice of Completion

STATE OF MONTANA }
County of Big Horn } ss.

The within instrument was filed
in my office at Hardin, Montana, this

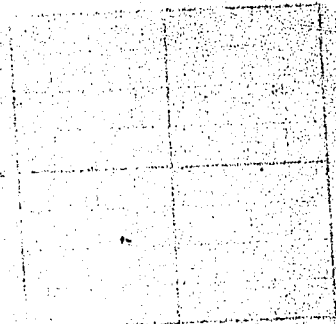
DEC 31 1963 day of

 A. D. 19

at 2:17 o'clock P.M.

Harvey E. Cox
County Recorder

By Ruby L. Campbell Deputy



File No.

DUPLICATE

T. 5 S. R. 29 E.

County Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater October 26, 1953

Owner H. W. Willcutt Address Hardin, Montana

Contractor (if any) None

Address of Contractor

Date Started Date Completed

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring. This spring has been cleaned and maintained at regular intervals as needed.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use

10 gals. per minute. Piped into five gal. bucket and timed. Used continuously for livestock purposes.

Signature of Owner H. W. Willcutt

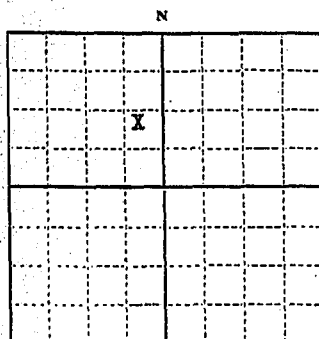
Date December 30, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.



NW 1/4 Sec. 25 T. 55 R. 29E
Indicate point of appropriation
and place of use, if possible.

206595

DEPARTMENT
FILE NO.

NOTES
TO
COUNTY

STATE OF MONTANA
County of Big Horn

The within instrument was filed
in my office at Hardin, Montana, this

DEC 8 1963 day of

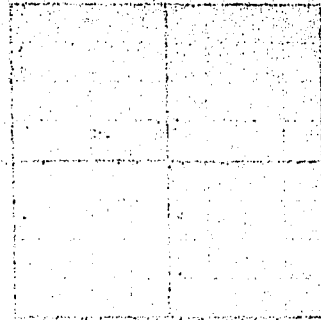
SEP 19 A.D. 19

at 2:27 P.M.

Harry E. Cox

County Recorder

By *Ruby Temple* Deputy



and filed of record in the
office of the County Clerk
at Hardin, Montana, this
DEC 8 1963

Signature of County Clerk

File No.

DUPLICATE

T. 5 S. R. 29 E.

County Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

Notice of Completion of Groundwater Appropriation **STATE ENGINEER**
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater July 3, 1953

Owner H. W. Willcutt Address Hardin, Montana

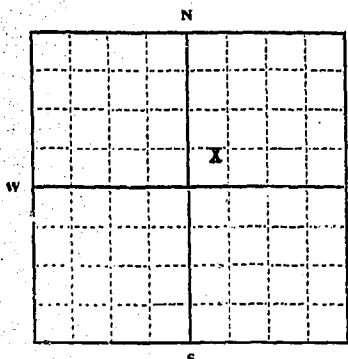
Contractor (if any) None

Address of Contractor

Date Started Date Completed

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Natural Spring which has been

cleaned and maintained at regular intervals as needed.



SW 1/4 NE 1/4 Sec. 25 T. 5 S. R. 29 E.
Indicate point of appropriation
and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use.

15 gals. per minute. Piped into five gallon bucket
and timed. Used continuously for livestock purposes

Signature of Owner H. W. Willcutt

Date December 30, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

26871

206585

DUPLICATE
File No.

10000

STATE OF MONTANA ss.
County of Big Horn

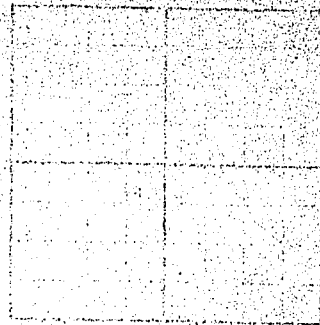
The within instrument was filed
in my office at Hardin, Montana, this

DEC 21 1963 day of
A.D. 19

at 2:18 o'clock P.M.

Harry E. Cap
County Recorder

By Betty Wemyer Deputy



NOTICE TO CREDITORS
The undersigned hereby gives notice that the within instrument was filed for record in the office of the County Recorder of Big Horn County, Montana, on the 21st day of December, 1963.

Witness my hand and seal of office at Hardin, Montana, this 21st day of December, 1963.

File No.

DUPLICATE

T. 5S R. 29E

County Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater July 3, 1953

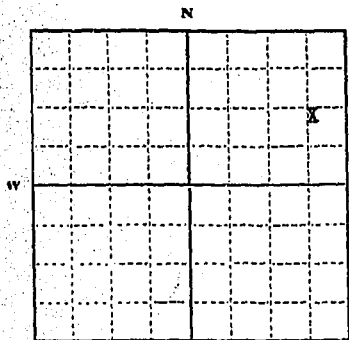
Owner H. W. Willcutt Address Hardin, Montana

Contractor (if any) None

Address of Contractor

Date Started Date Completed

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Natural Spring, which has been cleaned and maintained at regular intervals as needed.



ENE 1/4 Sec. 25 T. 5S R. 29E
Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use

12 gals. per minute. Piped into five gallon bucket and timed. Used continuously for livestock purposes.

Signature of Owner H. W. Willcutt

Date December 30, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

26872

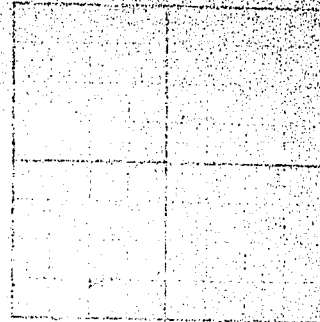
206586

DEED NO.
DISENTER

STATE OF MONTANA

County of Big Horn
The within instrument was filed
in my office at Hardin, Montana, this
DEC 31 1963 day of

at 2:19 o'clock P.M.
Harry E. Cox
County Recorder
By Ruby W. Smith Deputy



NOTARY PUBLIC
NOTARY PUBLIC
NOTARY PUBLIC

NOTARY PUBLIC
NOTARY PUBLIC
NOTARY PUBLIC

NOTARY PUBLIC
NOTARY PUBLIC
NOTARY PUBLIC

File No.

DUPLICATE

T. 5 S. R. 29 E.

County Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater July 3, 1953

Owner H. W. Willcutt Address Hardin, Montana

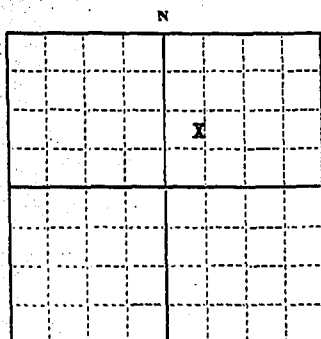
Contractor (if any) None

Address of Contractor

Date Started Date Completed

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.

Natural Spring, which has been cleaned and maintained at regular intervals as needed.



NE 1/4 Sec. 26 T. 5 S. R. 29 E
Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use.

650 gals. per minute. Piped into five gal. bucket and timed. Used continuously for livestock purposes.

Signature of Owner H. W. Willcutt

Date December 30, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

26873

206566
206587

STATE OF MONTANA, ss.
County of Big Horn

The within instrument was filed
in my office at Hardin, Montana, this

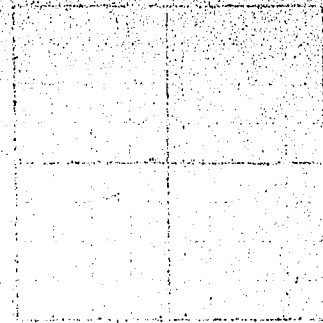
DEC 31 1963 day of

A.D. 19

at 2:20 o'clock P.M.

Harry E. Cap
County Recorder

B. B. B. B. Deput



Notary Public for the State of Montana
My Comm. Expires Jan. 1, 1964

Notary Public for the State of Montana
My Comm. Expires Jan. 1, 1964

GROUNDWATER INDEX

Page 1 of 1

County Big Horn

Twp. 5 S

Rge. 30 E

[illegible]

File No.

DUPLICATE

T. 5 S. R. 30 E.

County Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 8 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater November 30, 1954

Owner H. W. Willcutt Address Hardin, Montana

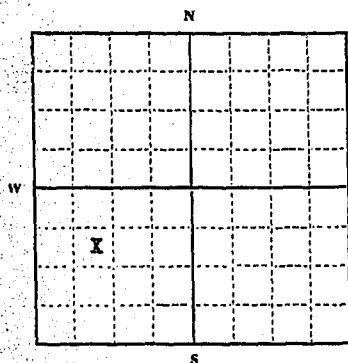
Contractor (if any) None

Address of Contractor

Date Started Date Completed

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Natural Spring, which has been

cleaned and maintained at regular intervals as needed.



1/4 Sec. 17 T. 5 S. R. 30 E.
Indicate point of appropriation
and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use.

9 gals. per minute. Piped into five gal. bucket and
timed. Used continuously for livestock purposes.

Signature of Owner H. W. Willcutt

Date December 30, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

26878

ॐ नमो भगवते वासुदेवाय

Dislike

STATE OF MONTANA
County of Big Horn ss.

The instrument was made
in my office at Harlingen, Texas.

DEC 31 1963 day of

APR 19

at 2:25 o'clock PM.

Harry E. Cox
County Recorder

Rv Ruby W. Wasele Denut

File No.

DUPLICATE

T. 5 S. R. 30 E.

County Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater July 22, 1954

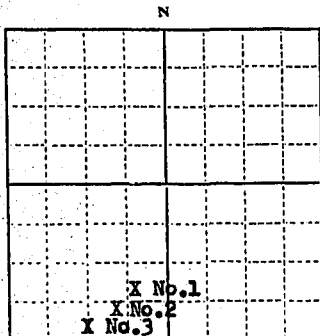
Owner H. W. Willcutt Address Hardin, Montana

Contractor (if any) None

Address of Contractor

Date Started Date Completed

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Three natural springs, which have been cleaned and maintained at regular intervals as needed.



SW 1/4 Sec 19 T. 58 S. R. 30 E.
Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use

No. 1 - 12 gals. per minute. No. 2 - 30 gals. per minute. No. 3 - 16 gals. per minute. Piped into five gal. bucket and timed. Used continuously for livestock purposes.

Signature of Owner H. W. Willcutt

Date December 30, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quaduplicate for the Appropriator.

26879

206593

DEPARTMENT
RHS No.

Notice of Confirmation

STATE OF MONTANA
County of Big Horn

The within instrument was filed
in my office at Hardin, Montana, this

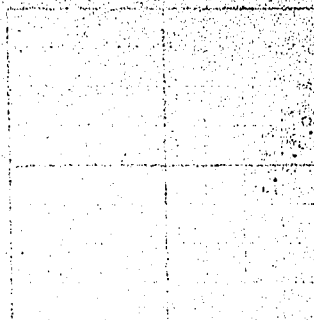
DEC 31 1963 day of

A.D. 19

at 2:26 o'clock P.M.

Harry E. Cap
County Recorder

By *Ruby Wengler* Deputy



Notary Public for Montana
My Comm. Expires Dec 31, 1964

Signature of Notary Public of Montana

Notary Public for Montana

Notary Public for Montana

Notary Public for Montana

Notary Public for Montana

File No.

DUPLICATE

T. 5 S. R. 30 E.

County. Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

Notice of Completion of Groundwater Appropriation
Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater. July 3, 1953

Owner. H. W. Willcutt Address. Hardin, Montana

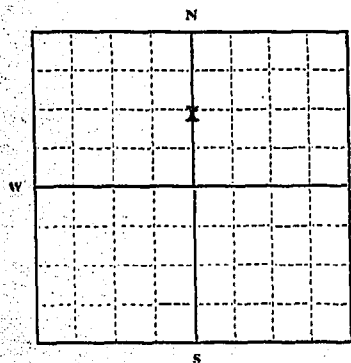
Contractor (if any) None

Address of Contractor

Date Started Date Completed

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Natural spring, which has been

cleaned and maintained at regular intervals, as needed.



1/4 Sec. 30 T. 5 S. R. 30 E. 6 gal. per min. Piped into five gallon bucket and
Indicate point of appropriation and place of use, if possible. timed. Used continuously for livestock purposes

Signature of Owner H. W. Willcutt

Date. December 30, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

26876

206590

DUPLICATE
File 206

Notice of

STATE OF MONTANA
County of Big Horn

The within instrument was
in my office at Helena, Montana

DEC 21 1963

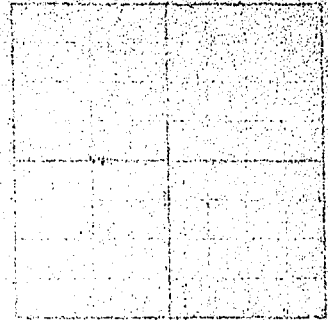
Copy of

A.D. 19

at 2:23 o'clock P.M.

Harry E. Cox
County Recorder

Barry W. Wampler Deputy



NOT RECORDED
INDEXED
DEC 21 1963

NOT RECORDED
INDEXED
DEC 21 1963

File No. _____

DUPLICATE

T. 5 S. R. 30 E.

County Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 8 1964

STATE ENGINEER

**Notice of Completion of Groundwater Appropriation
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater June 4, 1954

Owner H. W. Willcutt Address Hardin, Montana

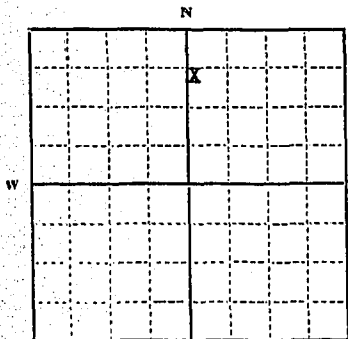
Contractor (if any) NONE

Address of Contractor _____

Date Started _____ Date Completed _____

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.

Natural Spring, which is cleaned
and maintained at regular intervals as needed



NE 1/4 Sec. 35 T. 5 S. R. 30 E.
Indicate point of appropriation
and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use.

25 gals. per minute. Piped into five gallon bucket
and timed. Used continuously for livestock purposes.

Signature of Owner H. W. Willcutt

Date December 30, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

26877

206591

DEPT. 100

DEPT. 100

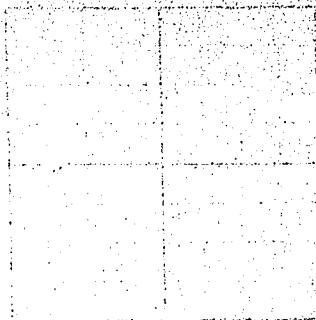
DEPT. 100

County of Big Horn, ss.
The within instrument was filed
in my office at Hardin, Montana, this
DEC 31 1963 day of

A.D. 19
at 2:24 o'clock P.M.

Harvey E. Cap
County Recorder

By Ruby W. Wiegels Deputy



GROUNDWATER INDEX

Page 1 of 1

County Big Horn Twp. SS Rge. 31E

[illegible]

File No.

DUPLICATE

T. 5 S. R. 31 E.

County Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater June 17, 1955

Owner H. W. Willcutt Address Hardin, Montana

Contractor (if any) None

Address of Contractor

Date Started Date Completed

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Natural Spring, which has been

cleaned and maintained at regular intervals

as needed

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use.

6 gals. per minute. Piped into five gallon bucket and timed. Used continuously for livestock purposes.

Signature of Owner H. W. Willcutt

Date December 30, 1963

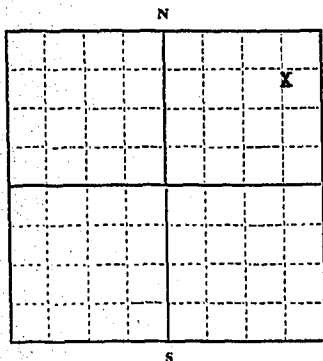
This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

NE 1/4 Sec. 28 T. 5 S. R. 31 E.
Indicate point of appropriation
and place of use, if possible.



26880

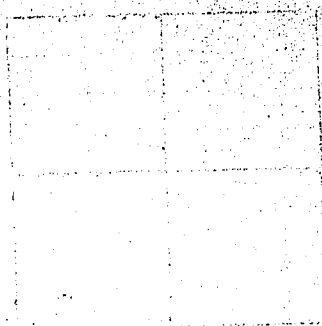
206594

DECEMBER 31 1968

STATE OF MONTANA }
County of Big Horn } ss.
The within instrument was filed
in my office at Hardin, Montana, this
DEC 31 1968 day of

at 2:27 A.D. 19
o'clock P.M.

Henry E. Cook
County Recorder
By *Ruby W. Wampler* Deputy



Platinum of Oyster Bay, N.Y.

File No.

T. 5 S. R. 31 E.

DUPLICATE

County Big Horn

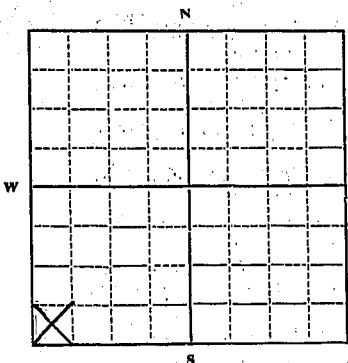
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JUN 22 1962
STATE ENGINEER

1. Holly Sugar Corporation, of Hardin
(Name of Appropriator) (Address) (Town)
County of Big Horn State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 SW Sec. 35 T. 5 S. R. 31 E.

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based.
Domestic and Livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 2, 1957 -
Continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 150 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Water from the well is not used for irrigation at the present time.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
Artesian well (free flowing), located approximately 29 feet East and 118 feet North of the Southwest corner of Section 35.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 2, 1957 (date of completion of construction); June 25, 1957 (approximate date of commencement of construction).

8. The depth of water table 1000 feet - Driller struck water at approximately 1,000 feet, drilled to 1,030 feet, and put 1,004 feet of pipe in well.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Type: Drilled artesian; size: 5-3/16 inch hole; depth: 1,030 feet.

10. The estimated amount of groundwater withdrawn each year 150 gallons per minute;
79,840,000 gallons per year.

11. The log of formations encountered in the drilling of each well if available See attached log

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Holly Sugar Corporation's deed to the realty on which the above-described artesian well is located was recorded June 30, 1947 at 4:50 p.m. in Book 30 of Deeds, pages 205-206, Records of Big Horn County, Montana.

HOLLY SUGAR CORPORATION

BY John M. Johnson
Signature of Owner ITS VICE PRESIDENT

Date May 16, 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

Excut in ground 6.

Artesian well (free flowing),
located approximately 29 feet
East and 118 feet North
of the Southwest corner of
Section 35

LOG of 40 ACRE

SUGAR PLACE.

O'NEESE

0 to 16' Soil
16' to 26' Gravel
26' to 49' Hard Blue Shale
49' to 51' Sand Rock, Makes Some Water Salty
51' to 61' Very Hard Dark Shale
61' to 71' Very Hard Dark Shale
71' to 98' Hard Blue Shale
98' to 165' Hard Blue Shale
165' to 170' Bentonite and Shale
170' to 180' Light Grey Shale
180' to 280' Grey Shale Hard
280' to 285' Grey Sandy Shale, Made Some Gas
285' to 300' Dark Grey Shale
300' to 415' Dark Grey Shale
415' to 430' Dark Grey Shale
430' to 435' Hard Grey Shale
435' to 570' Light Grey Shale
570' to 575' Very Hard Lime Shell, Extra Hard
575' to 660' Dark Grey Shale
660' to 665' Hard Shell
665' to 700' Hard Grey Shale
700' to 712' Hard Grey Shale
712' to 715' Hard Shell
715' to 720' Light Grey Shale
720' to 790' Light and Dark Shale
790' to 795' Hard Grey
795' to 800' Lime Hard Light
800' to 863' Hard Light Grey Shale
Bottom of Hole 1004'

199482

STATE OF MONTANA }
County of Big Horn }

The within instrument was filed
in my office at Hardin, Montana, this

JUN 21 1962 day of

 A. D. 19

at 8:55 o'clock A.M.:

Harry E. Cap
County Recorder

By Ruby Wampole Deputy

File No.

DUPLICATE

100320

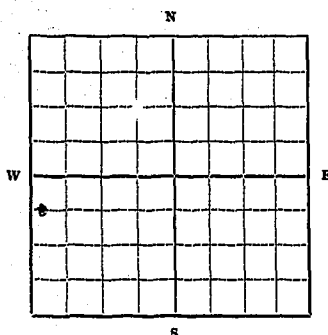
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T. 5 S. R. 31 East
County. Big Horn

RECEIVED
JUN 11 1962

Declaration of Vested Groundwater Rights STATE ENGINEER
(Under Chapter 237, Montana Session Laws, 1961)

1. Glen or Lenora Faw of St. Xavier
(Name of Appropriator) (Address) (Town)
County of Big Horn State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 36 T. 5 S. R. 31 E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based. Household, livestock & occasionally a kitchen garden.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. About 1943 and used continuously since then.
4. The amount of groundwater claimed (in miner's inches or gallons per minute). With a power pump and about a four inch hose, could not pump it out, but don't know the number of gallons per minute.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. A hand pump about twenty seven feet east of the house.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. About the spring of 1943 started and completed.
8. The depth of water table. About 21 feet.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 2 1/2" pipe in water well about 21 ft. deep.
10. The estimated amount of groundwater withdrawn each year. About 200,000 gallons.
11. The log of formations encountered in the drilling of each well if available. Common soil and into gravel.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. This is one of the wells the government has been testing recently.

Signature of Owner

Glen Faw

Date. April 12, 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

199350

STATE OF MONTANA } ss.
County of Big Horn }

The within instrument was filed
in my office at Hardin, Montana, this

JUN 7 1962 day of

A. D. 19

at 2:50 o'clock P.M.

Harry E. Carl
County Recorder
By Ruby Wampler Deputy

CIVIL ENGINEER

GROUNDWATER INDEX

Page 1 of 1

County Big Horn

Twp. 55

Rge. 32¢

[illegible]

Cour

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

FEB 22 1973

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the **owner** with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Henry Schneider

Address St. Xavier

Ment

Date well started April 1972

completed April 1972

Type of welldrilled.....

.....
(Dug, driven, bored or drilled)

Equipment used rotary

(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

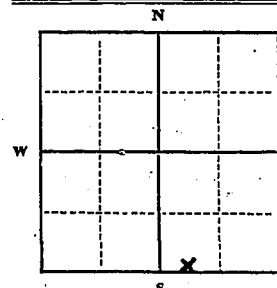
Industrial ☐ Drainage ☐ Other ☒* Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). _____

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5"	4" 17" Plastic	0	60	1 1/4"	40	60



Static water level 22 ft.*
Pumping water level 32 ft.*
at 4 gallons per minute,
measured 90 minutes after pumping
began.

*Measured from ground level.

Well developed by
forhours.

Power..... Pump..... HP

Remarks: (Gravel packing, cementing,
packers, type of shutoff)

Don't know

SW 1/4 SE 1/4 Sec. 9.

T...5...4 R...32 E...2

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Drilled by Seismograph

Driller's Address Crew from Rock Springs

.....WFO..... LICENSE NO.

Top of Ground

(Elev. above sea level)

From (Feet)	To (Feet)
No Log	

60 Show exact depth of bottom

52,478

239207

County of Big Horn
The within instrument was
in my office at Hardin, Montana, this

FEB 20 1973 A.D. 19

at 10:00 o'clock A.M.
Joel Lippert
County Recorder
By *Wendy Jones* Danin

Handwritten notes and signatures in the middle section of the document.

Handwritten notes and signatures in the middle section of the document.

ESTIMATED VARIOUS MEASUREMENTS

Area	Length	Width	Area	Length	Width
1.00	1.00	1.00	1.00	1.00	1.00
2.00	2.00	2.00	2.00	2.00	2.00
3.00	3.00	3.00	3.00	3.00	3.00
4.00	4.00	4.00	4.00	4.00	4.00
5.00	5.00	5.00	5.00	5.00	5.00
6.00	6.00	6.00	6.00	6.00	6.00
7.00	7.00	7.00	7.00	7.00	7.00
8.00	8.00	8.00	8.00	8.00	8.00
9.00	9.00	9.00	9.00	9.00	9.00
10.00	10.00	10.00	10.00	10.00	10.00

Handwritten notes and signatures in the bottom left section of the document.

1.00	1.00	1.00	1.00	1.00	1.00
2.00	2.00	2.00	2.00	2.00	2.00
3.00	3.00	3.00	3.00	3.00	3.00
4.00	4.00	4.00	4.00	4.00	4.00
5.00	5.00	5.00	5.00	5.00	5.00
6.00	6.00	6.00	6.00	6.00	6.00
7.00	7.00	7.00	7.00	7.00	7.00
8.00	8.00	8.00	8.00	8.00	8.00
9.00	9.00	9.00	9.00	9.00	9.00
10.00	10.00	10.00	10.00	10.00	10.00

File No.

DUPLICATE

T 5 S R 32 E

County Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

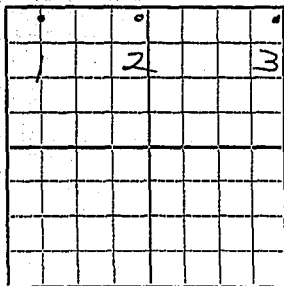
REC
JAN 6 1964

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. LEONARD O'BRIEN, of ST. XAVIER
(Name of Appropriator) (Address) (Town)

County of Big Horn State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows: All wells located North edge sec. 9



TW. 142 NW. 2R.
TW. 3 N. E. 2R
1/4 Sec. 9 T. 5 S R. 32 E

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based
WATERING STOCK

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
APPROXIMATELY 1935 WITH CONTINUOUS USE

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gal.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof N.A.N.E

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
PUMPS

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater APPROXIMATELY THREE DAYS FOR COMPLETION IN 1935

8. The depth of water table 25 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater DRILLED WELL WITH 4 INCH CASING, APPROXIMATELY 40 FEET

10. The estimated amount of groundwater withdrawn each year 90,000 gal.

11. The log of formations encountered in the drilling of each well if available GUMBA AND SURFACE GRAVEL

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record NOT AVAILABLE

Signature of Owner Leonard O'Brien

Date 12-30-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

21756

206425
~~206424~~

STATE OF MONTANA } ss.
County of Big Horn }

The within instrument was filed
In my office at Hardin, Montana, this
DEC 30 1963 day of

_____ A. D. 19____
at 2:35 o'clock P.M.

Harry E. Cash
County Recorder
By Ruby W. Sample Deput

File No. _____

T. 55 R. 32E

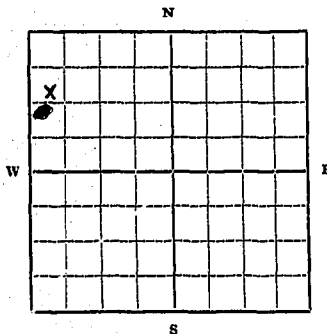
DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Clyde Hawks Inc. of St. Xavier
(Name of Appropriator) (Address) (Town)
County of Big Horn State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 NW Sec. 10 T. 55 R. 32 E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based livestock + domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1920

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gal

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof _____

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal centrifugal electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater no record available

8. The depth of water table 60 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater four in drilled casing

10. The estimated amount of groundwater withdrawn each year 365,000

11. The log of formations encountered in the drilling of each well if available _____

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record _____

Signature of Owner Clyde Hawks Inc.
By Clyde P. Hawks Pres

Date 11-17-65

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

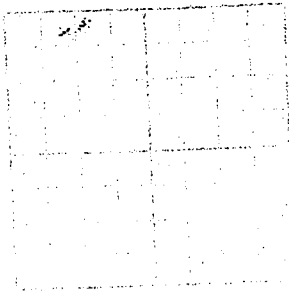
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

39848

214349

STATE OF MONTANA } ss.
County of Big Horn
The within instrument was filed
in my office at Hardin, Montana, this
NOV 18 1965 day of
_____ A.D. 19____
at 8:10 o'clock A.M.

Harvey E. Cagle
County Recorder
By Robert W. Sample Deput



1. The purpose of this instrument is to convey to the County of Big Horn, Montana, the right of way for the construction and maintenance of a public road or highway, as shown on the map attached hereto.

2. The right of way is to be conveyed to the County of Big Horn, Montana, for the purpose of constructing and maintaining a public road or highway, as shown on the map attached hereto.

3. The right of way is to be conveyed to the County of Big Horn, Montana, for the purpose of constructing and maintaining a public road or highway, as shown on the map attached hereto.

4. The right of way is to be conveyed to the County of Big Horn, Montana, for the purpose of constructing and maintaining a public road or highway, as shown on the map attached hereto.

5. The right of way is to be conveyed to the County of Big Horn, Montana, for the purpose of constructing and maintaining a public road or highway, as shown on the map attached hereto.

6. The right of way is to be conveyed to the County of Big Horn, Montana, for the purpose of constructing and maintaining a public road or highway, as shown on the map attached hereto.

7. The right of way is to be conveyed to the County of Big Horn, Montana, for the purpose of constructing and maintaining a public road or highway, as shown on the map attached hereto.

8. The right of way is to be conveyed to the County of Big Horn, Montana, for the purpose of constructing and maintaining a public road or highway, as shown on the map attached hereto.

9. The right of way is to be conveyed to the County of Big Horn, Montana, for the purpose of constructing and maintaining a public road or highway, as shown on the map attached hereto.

10. The right of way is to be conveyed to the County of Big Horn, Montana, for the purpose of constructing and maintaining a public road or highway, as shown on the map attached hereto.

File No.

DUPLICATE

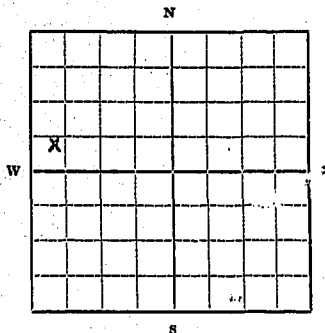
T. 55 R. 32 E. 15
County Bighorn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Clyde Hawks Inc. of St. Xavier
(Name of Appropriator) (Address) (Town)
County of Bighorn State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 NW Sec. 15 T. 55 R. 32 E.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1951
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gal
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Pump jack & diesel motor
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater May 1, 1951 to May 15, 1951
8. The depth of water table 70 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6 inch galvanized casing
10. The estimated amount of groundwater withdrawn each year 250,000
11. The log of formations encountered in the drilling of each well if available Henry Gray would have the log
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner Clyde Hawks Inc. By Clyde Hawks Pres.

Date 11-17-65

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

39845

214352

STATE OF MONTANA } ss.
County of Big Horn
The within instrument was filed
in my office at Hardin, Montana, this

NOV 18 1965 day of

A. D. 19

at 8:25 o'clock A.M.

James E. Clark
County Recorder
By *Rudolph W. Sample* Deput

File No. _____

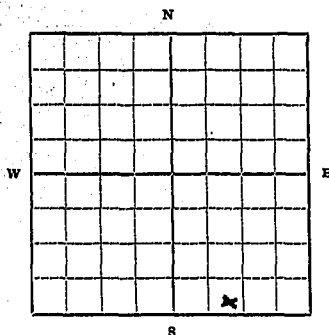
DUPLICATE

T. 5^S R. 32^E 16
County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Clyde Hawks Inc. of St. Xavier
(Name of Appropriator) (Address) (Town)
County of Blaine State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 SE Sec. 16 T. 5S R. 32E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Livestock + domestic uses
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1950
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gal.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof _____
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal centrifugal electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater April 15, 1950 April 20, 1950
8. The depth of water table 70 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 70 feet six inch black casing
10. The estimated amount of groundwater withdrawn each year 109,500
11. The log of formations encountered in the drilling of each well if available see log
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record _____

Signature of Owner Clyde Hawks Inc.
Clyde L. Hawks

Date 11-17-65

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

39847

214350

FILED

RECORDED

STATE OF MONTANA } ss.
County of Big Horn

The within instrument was filed
In my office at Hardin, Montana, this

NOV 18 1965 day of

A. D. 19

at 8:15 o'clock A. M.

Henry E. Cook
County Recorder
By *Robert J. Sample* Deputy

52,477

239206

County of Big Horn

The within instrument was filed
in my office at Hardin, Montana, this

FEB 20 1913

A.D. 19

at 10:05 o'clock A.M.

County Recorder

Murphy Jones

RECEIVED FOR

Original instrument filed in my
office on Feb 20 1913 at 10:05
A.M. and the same was
correctly indexed and
placed in the proper
place in the index.

Original instrument filed in my
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correctly indexed and
placed in the proper
place in the index.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

RECEIVED

County

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located; last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Henry Schneider

Address St Xavier

Mae T.

Date well started June 1938

completed

Type of well Driven

(Dug, driven, bored or drilled)

Equipment used

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

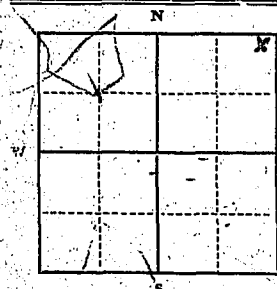
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

***Describe**

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition):

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	5"	0	52			
		32	52	1/4	32	52



Static water level 20 ft.*
Pumping water level 20 ft.*
at — gallons per minute,
measured — minutes after pumping
began.

*Measured from ground level.

Well developed by _____
for _____ hours.

Power..... Pump..... HP

Remarks: (Gravel packing, cementing,

packers, type of shutoff)
Don't Know

NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 17

32 75

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Driller is Deceased

Driller's Address *Lammers Drilling*

LICENSE NO.

Show exact depth of bottom

52,476

STATE OF MONTANA
County of Big Horn

The within instrument was filed in my office at Hardin, Montana, this

FEB 20 1973

A. D. 19

o'clock (M.

County Recorder

Mar.

100

File No.

DUPLICATE

T 5 S R 32 E

County Big Horn

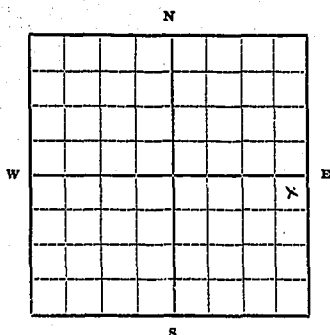
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 8 1964

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Gordie M. Reno of St. Xavier
(Name of Appropriator) (Address) (Town)
County of Big Horn State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 17 T. 5 S R. 32 E

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based stock water, domestic and irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1946
continuous use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gal. per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof garden use
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1946
8. The depth of water table 58 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater not applicable
10. The estimated amount of groundwater withdrawn each year varies
11. The log of formations encountered in the drilling of each well if available not applicable
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record not applicable

Signature of Owner (Mrs.) Gordie M. Reno

Date December 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

26831

206540

STATE OF MONTANA } ss.
County of Big Horn

The within instrument was filed
in my office at Hardin, Montana, this

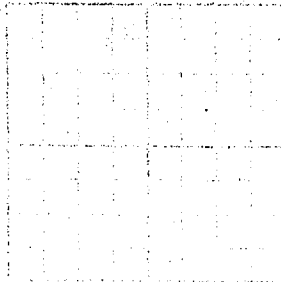
DEC 31 1963 day of

A.D. 19

at 10³⁰ o'clock A.M.

Harry E. Cap
County Recorder

By Goldie Smith Deputy



1. The photo of which type
2. The photo of which type
3. The photo of which type
4. The photo of which type
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6. The photo of which type
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8. The photo of which type
9. The photo of which type
10. The photo of which type

File No.

DUPLICATE

T. 5 R. 32

County Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

Declaration of Vested Groundwater Rights

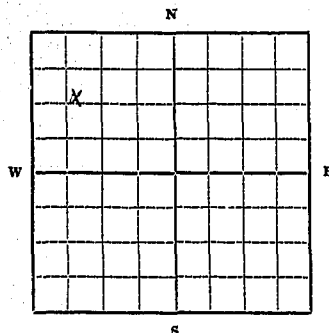
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. RC and J. B. Killett, of St. Xavier
(Name of Appropriator) (Address) (Town)

County of Big Horn State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S. 1/4, N. 1/4, Sec 20, T. 5, R. 32, E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based House, stock, and lawn water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been has been used continuously since 1920
4. The amount of groundwater claimed (in miner's inches or gallons per minute) at least 10 gals per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 10 gal. per acre for about 200 ft x 200 ft
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal power pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1920

8. The depth of water table about 6.0 feet deep

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6.0 ft. well drilled with four inch casing

10. The estimated amount of groundwater withdrawn each year 251,000 gallons

11. The log of formations encountered in the drilling of each well if available Not available. The well drilled 400 ft. and didn't complete logs

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Ed. Lamson drilled this well

Signature of Owner J. B. Killett

Date Dec 26 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

26758

206465

STATE OF MONTANA } ss.
County of Big Horn

The within instrument was filed
in my office at Hardin, Montana, this
DEC 30 1963 day of

_____ A. D. 19_____
at 4:26 o'clock P. M.

Harry E. Carl
County Recorder

By Ruby W. Sample Deputy

RECEIVED

County... **Big Horn**

22

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

MONTANA DEPARTMENT OF
NATURAL RESOURCES AND CONSERVATION

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner **Glyde Hawks Inc.**

Address **St. Xavier, Montana**

59075

Date well started **April 28, 1972**

completed **May 20, 1972**

Type of well **Drilled**

Equipment used **Rotary**

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

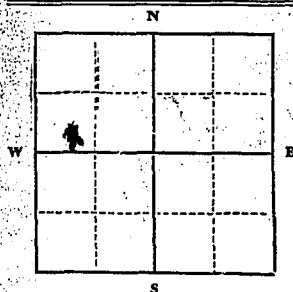
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL **gal 152,000,000 possible**

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
12 1/2"	8 5/8 28#	0	75	
7 3/8"	4 1/2"	75	147	
6 1/2"	4 1/2"	147	1492	
3 7/8"	4 1/2"	1492	1605	open hole



Static water level ft.*
Pumping water level ft.*
..... gallons per minute, measured minutes after pumping began.

*Measured from ground level.

Well developed by for hours.

Power..... Pump..... HP

Remarks: (Gravel packing, cementing, packers, type of shutoff)

..... cemented 0-75 with 20-sks cement. Cemented by

Haliburton 0-1492 ft.

with 180sks cement.

SW 1/4 NW 1/4 Sec. 22

T. 5 N. R. 32 E

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature

Driller's Address

LICENSE NO.

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground

(Elev. above sea level)

From (Feet)	To (Feet)	
0	25	Stilt
25	58	Gravel layers of silty gravel
58	67	Gravel & shale
67	323	Gray shale with few thinly bedded sandstone layers
323	731	Black shale & grey sandstone
731	948	Black shale, Bentonite & grey siltstone stringer
948	980	Black shale & grey sandstone
980	1260	Silty shale
1260	1335	Black shale & indurated siltstone
1335	1380	Black shale & some red claystone
1380	1440	Red claystone, black shale & white bentonite
1440	1470	Black shale, maroon & green claystone & brownish-white bentonite
1470	1480	Indurated limey sandstone & shale
1480	1483	Mostly bentonite, some limey sandstone
1483	1493	Indurated limey sandstone
1493	1540	Quartzitic sandstone (sugar sand) with lime matrix.
		approx. water flow 30 g.p.m.
1540	1565	Dark grey sandstone & iron pyrite nodules (increase in water flow)
1565	1595	Light & dark colored grained sandstone (Salt & Pepper sand) Increase in water flow
1595	1601	Dark grey sandstone some shale
1601	1605	Grey & green shale
1605	T.D.	

1605 Show exact depth of bottom

50,481

STATE OF MONTANA } ss
County of Big Horn }
The within instrument was filed
in my office at Hardin, Montana, this
MAY 25 1972 day of

A. D. 19
at 4:20 o'clock M.
Joseph Lippert
County Recorder
By *Ruby Lippert* Deputy

• Out of the - 1950
• Out of the - 1950

2002

APR 25 1964

Q. 1315

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File No.

DUPLICATE

T 55 R 32 E 022

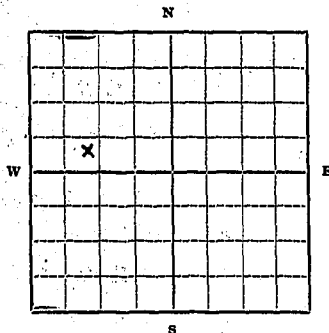
County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Clyde Hawks Inc. of St. Xavier, Mont.
(Name of Appropriator) (Address) (Town)
County of Big Horn State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 NW Sec 22 T 55 R 32 E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based livestock and domestic uses watering lawn flowers + shrubs
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1946 continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gal per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
transfered electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater March 1946 - May 1948

8. The depth of water table 20 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater aug well with 20 by 1 foot concrete casing

10. The estimated amount of groundwater withdrawn each year 10,950,000

11. The log of formations encountered in the drilling of each well if available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Clyde Hawks Inc.
Signature of Owner By Clyde S. Hawks Pres.

Date 11-17-65

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state. otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

39846

214351

STATE OF MONTANA }
County of Big Horn } ss.

The within instrument was filed
in my office at Hardin, Montana, this

NOV 18 1965 day of

 A. D. 19

at 8.20 o'clock A.M.

Harry E. Cook
County Recorder

By Ruby W. Sample Deputy

File No.

DUPLICATE

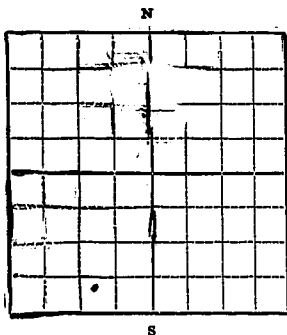
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T. 5 R. 32E
County Big Horn

RECEIVED
JAN 8 1964

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961) STATE ENGINEER

1. Joe O'Brien (Name of Appropriator) of St. Xavier (Town)
County of Big Horn State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S.W. 1/4 Sec. 31 T. 5 R. 32E

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1961
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gal per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal electric pressure pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Aug 17 - 19 1961
8. The depth of water table 33'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
5" casing + pump
10. The estimated amount of groundwater withdrawn each year 90,000 gal.
11. The log of formations encountered in the drilling of each well if available
0-18' sticky clay 41-51 clay + layers of sand
18-41' fine gravel + sand
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

Joe O'Brien
Date Dec. 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

26730

206435

STATE OF MONTANA }
County of Big Horn } ss.

The within instrument was filed
in my office at Hardin, Montana, this

DEC 30 1963 day of

_____ A. D. 19__

at 3:25 o'clock P.M.

Harvey E. Cape
County Recorder

By Ruby Wemple Deputy